

INTERNATIONAL SEARCH REPORT

PCT/IB2004/052022

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H05K1/00 H01H69/02 H01H85/046

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H05K H01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 626 714 A (ERICSSON TELEFON AB L M) 30 November 1994 (1994-11-30) cited in the application column 1, line 45 - column 2, line 4; figures 1,2a,2b	1-4,9,10
Y	US 2003/142453 A1 (BENDER JOAN L WINNETT ET AL) 31 July 2003 (2003-07-31) paragraph '0044!; figure 2	1-4,9,10
A	EP 0 270 954 A (OMRON TATEISI ELECTRONICS CO) 15 June 1988 (1988-06-15) column 2, line 25 - line 45; figures 1,2	1-10
A	FR 2 778 057 A (SOFEDIT) 29 October 1999 (1999-10-29) column 2, line 30 - line 35; figure 1	1-10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

7 December 2004

Date of mailing of the international search report

17/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 192 940 A (HIRABAYASHI HISANAGA ET AL) 9 March 1993 (1993-03-09) column 4, line 12 - line 32; figures 1,2 -----	1-10

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